

TASK ORDER REQUEST FOR PROPOSAL

U.S. Department of Agriculture (USDA)
Natural Resources Conservation Service (NRCS)
BASE YEAR 2006



U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY
AERIAL PHOTOGRAPHY FIELD OFFICE

NOTICE TO OFFEROR

Any proposal submitted for this RFP must be identified with the following information labeled on the outside of the mailing package:

TASK ORDER SOL.NO: NRCS-06-1
DUE DATE: 5-MAY-2006, 4:30 PM
RECEIVING OFFICE:CONTRACTING

Mail To: AERIAL PHOTOGRAPHY FIELD OFFICE
CONTRACTING OFFICER
2222 WEST 2300 SOUTH
SALT LAKE CITY UTAH 84119-2020

NOTICE TO OFFERORS:

PLEASE NOTE THE FOLLOWING SPECIAL TASK ORDER INSTRUCTIONS

Proposals must be presented in two parts, a pricing proposal and a technical proposal. Please do not secure your proposal using a “plastic comb” or spiral type bindings and limit the size to a maximum of 100 double-sided pages (Documentation and samples required in accordance with Attachment B of the contract may be submitted in a separate referenced attachment and will not be counted towards the page limitation). Task order awards will be made based on procedures established in Section L-3, Paragraph 3.2 of the contract, USDA-NRCS-1-06.

The quality of Alaska digital elevation models (DEMs) is historically poor and/or nonexistent and contractors are encouraged to review all possible approaches to meet the task order requirements. Contractors should provide a detail description of the technical approach and processes used to achieve the horizontal accuracy requirements of this task order project.

The Government reserves the right to make multiple awards to different contractors but each project item, if awarded, will be awarded as a “whole” item and will not be split between contractors. The Government also reserves the right to award less than the total quantities stated in each project item.

PART I – PRICING PROPOSAL

ALASKA DIGITAL ORTHOIMAGERY PROJECT

TASK ORDER REQUEST FOR PROPOSAL

1.0 PROJECT ITEM 1: FAIRBANKS, ALASKA (AREA 1)

Furnish aerial photography and direct digital imagery services and all related services and supplies in accordance with the requirements, specifications, terms, conditions, clauses, and provisions specified herein and in the original indefinite-delivery, indefinite-quantity contract, effective for the periods stated in the schedule. The Government's proposed project areas, quantities, and other parameters listed below, are subject to change through the negotiation process of selecting the "Best Value" source for task order award.

FAIRBANKS, ALASKA (Area 1)				
PROJECT ITEM	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT
Area 1	12	DOQQ	\$	\$
<p style="text-align: center;"><u>PRICING PROPOSAL INSTRUCTIONS:</u></p> <p>In the space provided above, indicate the unit price (price per DOQQ) and total amount. This price will be used in the contract pricing evaluation for contract award purposes. Task Order awards will be based on individual Task Orders and determined after contract award. In case of discrepancy between the unit price and the total amount, the unit price is presumed to be correct, subject, however, to correction to the same extent and in the same manner as any other mistake (see paragraph M-2.2, <u>Price Evaluation</u> of the contract).</p> <p><u>PLEASE NOTE:</u> The minimum unit of offer is a project item.</p>				

1.1 Intended Use of Photography

The imagery shall be used by Natural Resources Conservation Service to collect and measure natural resource data by means of photo interpretation and Geographic Information Systems (GIS) technologies. Within each sample, data is collected on land cover and use, soil erosion, prime farmland, wetlands, and characteristics of other natural resources.

1.2 Project Requirements

- (a) Project Code and Agency Designator: 02090 and NRCS, respectfully.
- (b) Acquisition Period: May 10, 2006 through September 1, 2006
- (c) Aerial Film and Film Titling (film-based aerial photography only): The Contractor shall only use film type listed in paragraph 2.1 of Attachment A of the contract.
- (d) Spatial Resolution: All imagery shall have a 0.6-meter ground sample distance (GSD) or better.
- (e) Horizontal Accuracy Requirements: All imagery shall have a horizontal accuracy in which 90% of all well-defined points tested must fall within four (4) meters of the same location identified on Government furnished baseline orthophoto control imagery.

1.3 Government-Furnished Property

In addition to the Government-Furnished Property (GFP) items listed in B-4 of the contract, the following will be furnished to the contractor pursuant to the GFP clause:

- (a) Baseline Orthophoto Control Imagery

The Contractor will be furnished upon award baseline orthophoto imagery to be used for photogrammetric control for creation of the products required under this task order item. The baseline orthophoto imagery will be furnished either in a compressed mosaick format or individual uncompressed tiles.

1.4 Delivery Schedule

All delivery materials required under this contract shall be delivered on or before the following dates. The Contractor shall maintain a copy of the digital data until APFO acknowledges receipt.

DATA ITEM	DUE DATE
All materials (see paragraph F-1, <u>Materials to be delivered</u> of the Contract)	October 31, 2006

2.0 PROJECT ITEM 2: FAIRBANKS, ALASKA (AREA 2)

Furnish aerial photography and direct digital imagery services and all related services and supplies in accordance with the requirements, specifications, terms, conditions, clauses, and provisions specified herein and in the original indefinite-delivery, indefinite-quantity contract, effective for the periods stated in the schedule. The Government's proposed project areas, quantities, and other parameters listed below, are subject to change through the negotiation process of selecting the "Best Value" source for task order award.

FAIRBANKS, ALASKA (Area 2)				
PROJECT ITEM	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT
Area 2	20	DOQQ	\$	\$
<p align="center"><u>PRICING PROPOSAL INSTRUCTIONS:</u></p> <p>In the space provided above, indicate the unit price (price per DOQQ) and total amount. You must also document these unit price and total amount in paragraph B-1.1 of the contract. In case of discrepancy between amount on this table and paragraph B-1.1, B-1.1 will be presumed to be correct, subject, however, to correction to the same extent and in the same manner as any other mistake (see paragraph M-2.2, <u>Price Evaluation</u> of the contract).</p> <p><u>PLEASE NOTE:</u> The minimum unit of offer is a project item..</p>				

2.1 Intended Use of Photography

The imagery shall be used by Natural Resources Conservation Service to collect and measure natural resource data by means of photo interpretation and Geographic Information Systems (GIS) technologies. Within each sample, data is collected on land cover and use, soil erosion, prime farmland, wetlands, and characteristics of other natural resources.

2.2 Project Requirements

- (a) Project Code and Agency Designator: 02090 and NRCS, respectfully.
- (b) Acquisition Period: May 10, 2006 through September 1, 2006

- (c) Aerial Film and Film Titling (film-based aerial photography only): The Contractor shall only use film type listed in paragraph 2.1 of Attachment A of the contract.
- (d) Spatial Resolution: All imagery shall have a 0.6-meter ground sample distance (GSD) or better.
- (e) Horizontal Accuracy Requirements: All imagery shall have a horizontal accuracy that meets the United States National Map Accuracy Standards (NMAS) for map scale of 1:25,000. For this map scale, this requirement is equivalent to no more than 10 percent of the points tested shall be in error by more than 12.7-meters.

2.3 Government-Furnished Property

No additional Government-Furnished Property (GFP) items will be provided under this item.

2.4 Delivery Schedule

All delivery materials required under this contract shall be delivered on or before the following dates. The Contractor shall maintain a copy of the digital data until APFO acknowledges receipt.

DATA ITEM	DUE DATE
All materials (see paragraph F-1, <u>Materials to be delivered</u> of the Contract)	October 31, 2006

3.0 PROJECT ITEM 3: FAIRBANKS, ALASKA (AREA 3)

Furnish aerial photography and direct digital imagery services and all related services and supplies in accordance with the requirements, specifications, terms, conditions, clauses, and provisions specified herein and in the original indefinite-delivery, indefinite-quantity contract, effective for the periods stated in the schedule. The Government's proposed project areas, quantities, and other parameters listed below, are subject to change through the negotiation process of selecting the "Best Value" source for task order award.

FAIRBANKS, ALASKA (Area 3)				
PROJECT ITEM	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT
Area 3	21	DOQQ	\$	\$
<p align="center"><u>PRICING PROPOSAL INSTRUCTIONS:</u></p> <p>In the space provided above, indicate the unit price (price per DOQQ) and total amount. You must also document these unit price and total amount in paragraph B-1.1 of the contract. In case of discrepancy between amount on this table and paragraph B-1.1, B-1.1 will be presumed to be correct, subject, however, to correction to the same extent and in the same manner as any other mistake (see paragraph M-2.2, <u>Price Evaluation</u> of the contract).</p> <p><u>PLEASE NOTE:</u> The minimum unit of offer is a project item..</p>				

3.1 Intended Use of Photography

The imagery shall be used by Natural Resources Conservation Service to collect and measure natural resource data by means of photo interpretation and Geographic Information Systems (GIS) technologies. Within each sample, data is collected on land cover and use, soil erosion, prime farmland, wetlands, and characteristics of other natural resources.

3.2 Project Requirements

- (a) Project Code and Agency Designator: 02090 and NRCS, respectfully.
- (b) Acquisition Period: May 10, 2006 through September 1, 2006

- (c) Aerial Film and Film Titling (film-based aerial photography only): The Contractor shall only use film type listed in paragraph 2.1 of Attachment A of the contract.
- (d) Spatial Resolution: All imagery shall have a 1.0-meter ground sample distance (GSD) or better.
- (e) Horizontal Accuracy Requirements: All imagery shall have a horizontal accuracy that meets the United States National Map Accuracy Standards (NMAS) for map scale of 1:25,000. For this map scale, this requirement is equivalent to no more than 10 percent of the points tested shall be in error by more than 12.7-meters.

3.3 Government-Furnished Property

No additional Government-Furnished Property (GFP) items will be provided under this item.

3.4 Delivery Schedule

All delivery materials required under this contract shall be delivered on or before the following dates. The Contractor shall maintain a copy of the digital data until APFO acknowledges receipt.

DATA ITEM	DUE DATE
All materials (see paragraph F-1, <u>Materials to be delivered</u> of the Contract)	October 31, 2006

4.0 COMPRESSED PROJECT MOSAICS.

The Contractor shall create a single, combined compressed project mosaic (CPM) for all of the project items awarded to the Contractor. For example, if all three items are awarded to a single Contractor then one and only one CPM should be submitted to the Government, which contains all contracted imagery.

If an acquisition period extension is granted, a “preliminary” CPM shall be delivered within but not later than the due date of the latest item. A final CPM submittal shall be delivered no later than 60 days after the end of the season extension and shall include imagery from the original flying season.

5.0 ADMINISTRATIVE MATTERS

5.1 Annual Representations and Certifications

Contractors shall complete electronic annual representations and certifications at <http://orca.bpn.gov> in conjunction with the required registration in the Central Contractor Registration (CCR) database. Contractors shall submit updates to the Online Representations and Certifications Application (ORCA) as necessary, but at least annually, to ensure they are kept current, accurate, and complete. The representations and certifications are effective until one year from the date of submission or update to ORCA. Please refer to Section K-1, Annual Representations and Certifications, FAR Clause 52.204-8 of the contract.

5.2 Small Business Subcontracting Plan

If applicable, all Contractors, except those certified as a small business concern, shall submit a subcontracting plan that separately addresses subcontracting with small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business concerns, small disadvantaged business and women owned small business concerns. The subcontracting plan shall be included and made a part of the resultant task order award and be negotiated with the Contracting Officer during the task order negotiation period. Failure to submit and negotiate the subcontracting plan shall make the offeror ineligible for award. Please refer to Section I-9, Clauses Incorporated by Reference, Small Business Subcontracting Plan, FAR Clause 52.219-09 of the contract.

5.3 Task Order Ombudsman

The Director of USDA-FSA-Aerial Photography Field Office shall serve as the Task Order Ombudsman responsible for reviewing complaints from the contractors and ensuring that all of the contractors are afforded a fair opportunity to be considered for task orders issued under this contract. To contact the task order Ombudsman please phone (801) 975-3500 ext. 205, or mail to: Director, APFO, 2222 West 2300 South, Salt Lake City, UT 84119.

6.0 CURRENT EQUIPMENT LISTS AND CONFLICTINGWORK

6.1 Incomplete Contracts as of Date of Proposal:

Incomplete Aerial Photo Contracts	Remaining Linear Miles: June-Sept 2004
U.S. Government Contracts	
All Other Contracts	

6.2 Aircraft to be Used in Completion of Items(s) in this Contract:

Make/Model	Registration #	Operating Ceiling	Bidder Owned (check appropriate block)
			<input type="checkbox"/> Yes <input type="checkbox"/> No *
			<input type="checkbox"/> Yes <input type="checkbox"/> No *
			<input type="checkbox"/> Yes <input type="checkbox"/> No *

* If the aircraft is/are not offeror owned, a written statement of availability from the owner of the aircraft must be enclosed. See Section C-2.

6.3 Camera(s) to be Used in Completion of Item(s) in this Contract

Current calibration report(s) must be enclosed or on file at the Aerial Photography Field Office.

Make/Model	Lens Number	Magazine Number	Bidder Owned (check appropriate block)
			<input type="checkbox"/> Yes <input type="checkbox"/> No *
			<input type="checkbox"/> Yes <input type="checkbox"/> No *
			<input type="checkbox"/> Yes <input type="checkbox"/> No *

* If the camera(s) is/are not offeror owned, a written statement of availability from the owner(s) of the camera(s) must be enclosed. See Section C-2.

6.4 Key Personnel Intended for Performance on this Contract

List all key professional and technical personnel intended to perform on this contract. List may include project manager, pilot(s), photographer(s), and key back-up or support personnel.

Name	Title	Education	Years of Experience

6.5 Place of Performance (OCT 1997) (FAR 52.215-06)

- (a) The offeror or respondent, in the performance of any contract resulting from this solicitation, [] intends, [] does not intend (*check applicable box*) to use one or more plants or facilities located at a different address from the address of the offeror or respondent as indicated in this proposal or response to request for information.
- (b) If the offeror or respondent checks “intends” in paragraph (a) of this provision, it shall insert in the following spaces the required information:

Place of Performance
(Street Address, City,
County, State,
Zip Code)

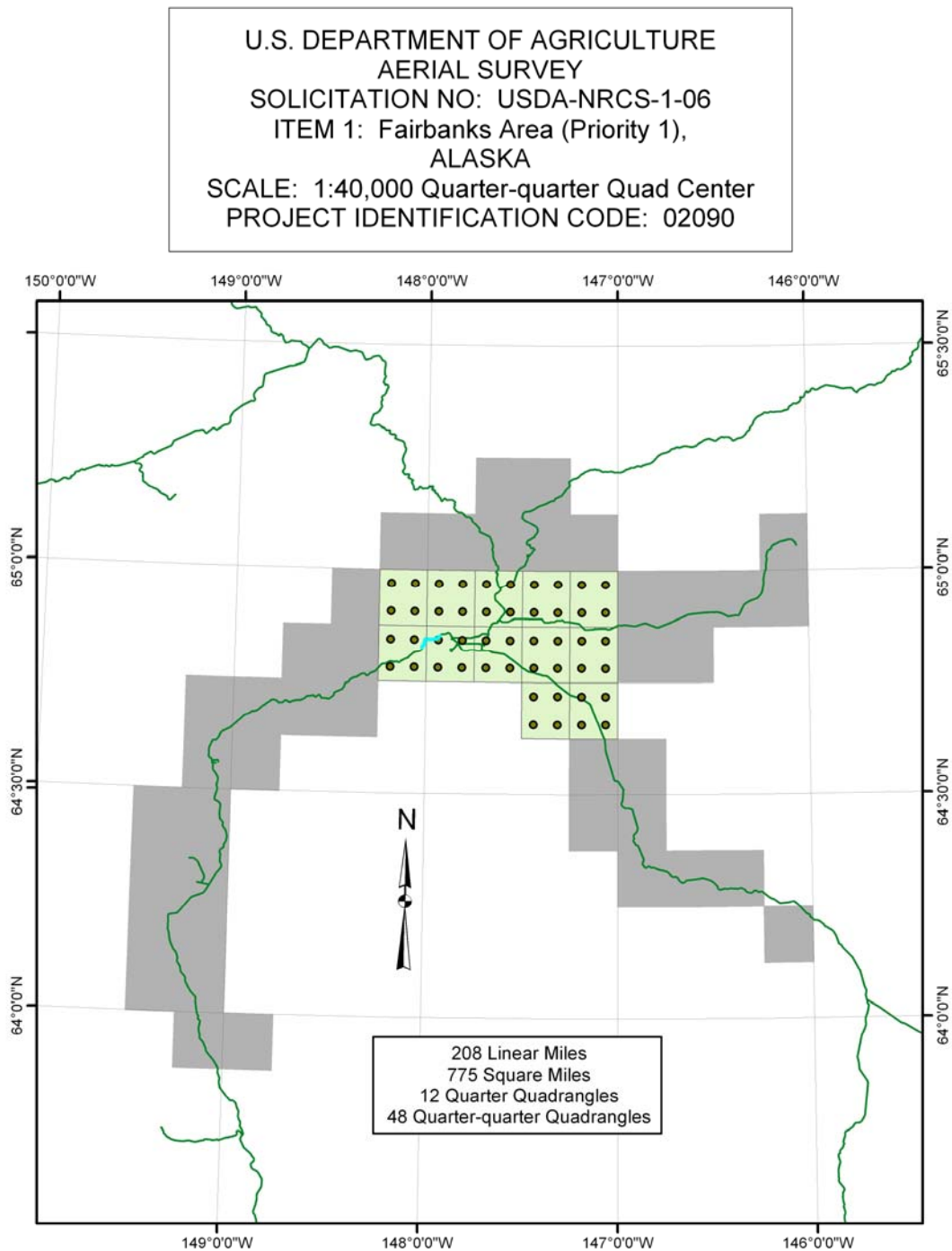
Name and Address of Owner
and Operator of the Plant
or Facility if Other than
Offeror or Respondent

(End of provision)

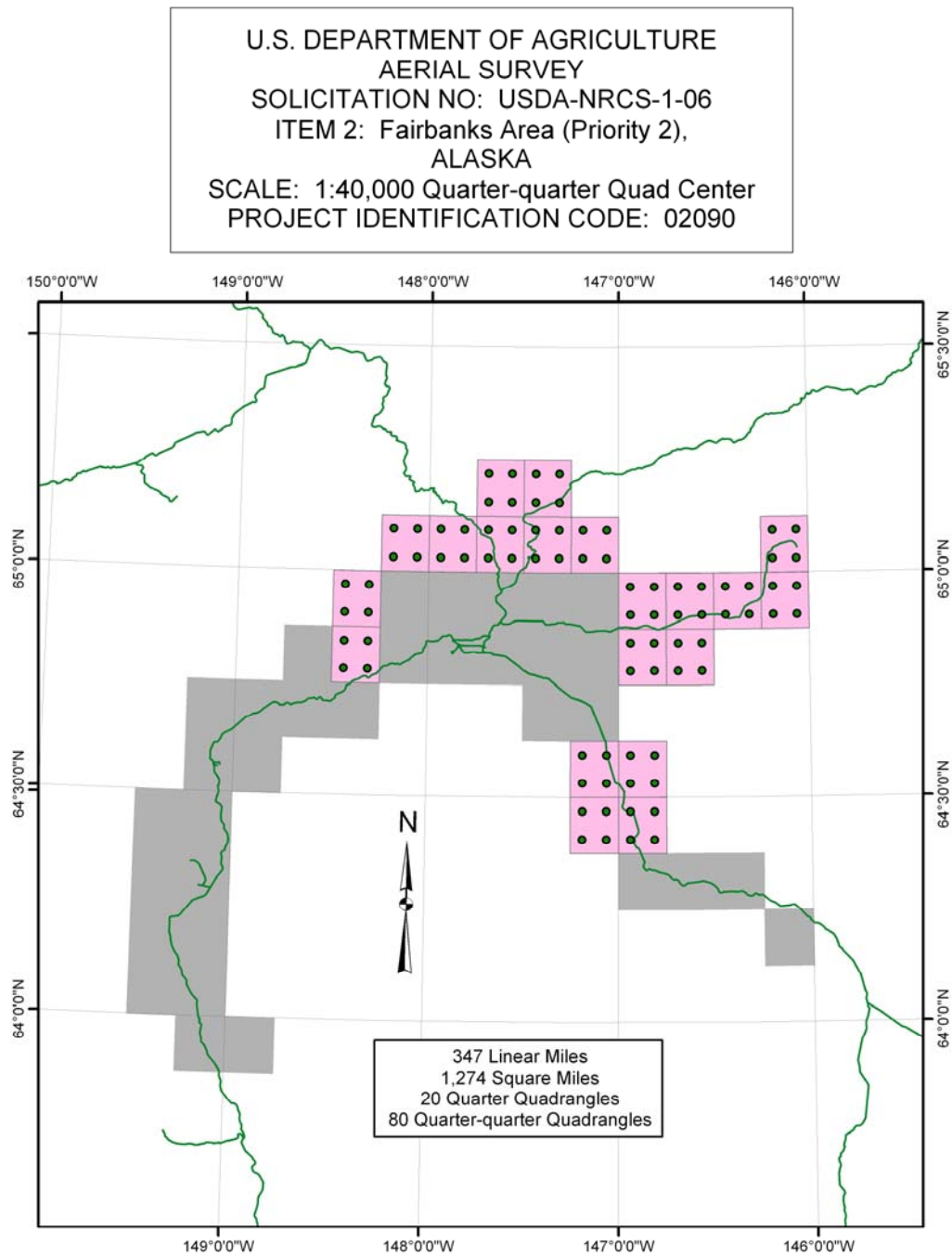
LIST OF ATTACHMENTS

<u>Exhibit</u>	<u>Description</u>	<u>Page</u>
Attachment C:	Project Item Maps (3 pages)	13-15
Attachment D:	Project Item Coverage Data (2 pages)	16-17

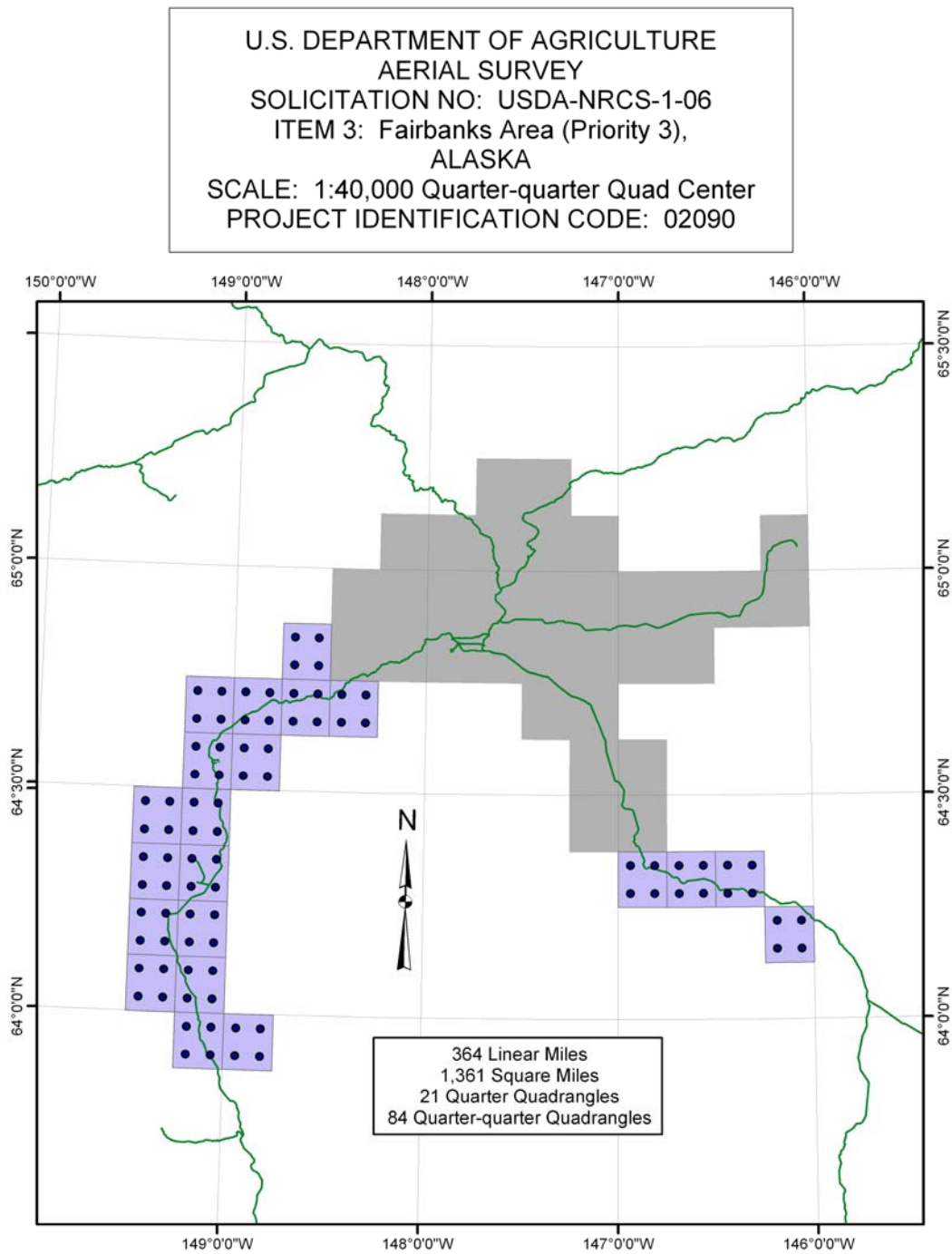
Attachment C Project Item Maps



Attachment C (Con't) Project Item Maps



Attachment C (Con't)
Project Item Maps



Attachment D Project Item Coverage Data

PROJECT ITEM: Fairbanks (Area 1)
 TOTAL MOSAICKED DOQQs: 12
 ACQUISITION PERIOD: May 10 – Sep 1, 2006

DOQQ NAME	FILE NAME	LATITUDE/LONGITUDE	
Fairbanks (C-1) NE	s6414712NE	64.62500	-147.00000
Fairbanks (C-1) NW	s6414712NW	64.62500	-147.25000
Fairbanks (D-1) NE	s6414706NE	64.87500	-147.00000
Fairbanks (D-1) NW	s6414706NW	64.87500	-147.25000
Fairbanks (D-1) SE	s6414706SE	64.75000	-147.00000
Fairbanks (D-1) SW	s6414706SW	64.75000	-147.25000
Fairbanks (D-2) NE	s6414705NE	64.87500	-147.50000
Fairbanks (D-2) NW	s6414705NW	64.87500	-147.75000
Fairbanks (D-2) SE	s6414705SE	64.75000	-147.50000
Fairbanks (D-2) SW	s6414705SW	64.75000	-147.75000
Fairbanks (D-3) NE	s6414804NE	64.87500	-148.00000
Fairbanks (D-3) SE	s6414804SE	64.75000	-148.00000

PROJECT ITEM: Fairbanks (Area 2)
 TOTAL MOSAICKED DOQQs: 20
 ACQUISITION PERIOD: May 10 – Sep 1, 2006

DOQQ NAME	FILE NAME	LATITUDE/LONGITUDE	
Big Delta (B-6) NW	s6414613NW	64.37500	-146.75000
Big Delta (C-6) SW	s6414607SW	64.50000	-146.75000
Big Delta (D-6) NE	s6414601NE	64.87500	-146.50000
Big Delta (D-6) NW	s6414601NW	64.87500	-146.75000
Big Delta (D-6) SE	s6414601SE	64.75000	-146.50000
Big Delta (D-6) SW	s6414601SW	64.75000	-146.75000
Fairbanks (B-1) NE	s6414718NE	64.37500	-147.00000
Fairbanks (C-1) SE	s6414712SE	64.50000	-147.00000
Fairbanks (D-3) NW	s6414804NW	64.87500	-148.25000
Fairbanks (D-3) SW	s6414804SW	64.75000	-148.25000
Big Delta (D-5) NE	s6414602NE	64.87500	-146.00000
Big Delta (D-5) NW	s6414602NW	64.87500	-146.25000
Circle (A-5) SE	s6514620SE	65.00000	-146.00000
Livengood (A-1) NW	s6514724NW	65.12500	-147.25000
Livengood (A-1) SE	s6514724SE	65.00000	-147.00000
Livengood (A-1) SW	s6514724SW	65.00000	-147.25000
Livengood (A-2) NE	s6514723NE	65.12500	-147.50000
Livengood (A-2) SE	s6514723SE	65.00000	-147.50000
Livengood (A-2) SW	s6514723SW	65.00000	-147.75000

Livengood (A-3) SE s6514822SE 65.00000 -148.00000
 PROJECT ITEM: Fairbanks (Area 3)
 TOTAL MOSAICKED DOQQs: 21
 ACQUISITION PERIOD: May 10 – Sep 1, 2006

DOQQ NAME	FILE NAME	LATITUDE/LONGITUDE	
Big Delta (A-5) NE	s6414620NE	64.12500	-146.00000
Big Delta (B-5) SW	s6414614SW	64.25000	-146.25000
Big Delta (B-6) SE	s6414613SE	64.25000	-146.50000
Big Delta (B-6) SW	s6414613SW	64.25000	-146.75000
Fairbanks (C-3) NW	s6414810NW	64.62500	-148.25000
Fairbanks (C-4) NE	s6414809NE	64.62500	-148.50000
Fairbanks (C-4) NW	s6414809NW	64.62500	-148.75000
Fairbanks (C-5) NE	s6414908NE	64.62500	-149.00000
Fairbanks (D-4) SE	s6414803SE	64.75000	-148.50000
Fairbanks (A-5) NE	s6414920NE	64.12500	-149.00000
Fairbanks (A-5) NW	s6414920NW	64.12500	-149.25000
Fairbanks (B-5) NE	s6414914NE	64.37500	-149.00000
Fairbanks (B-5) NW	s6414914NW	64.37500	-149.25000
Fairbanks (B-5) SE	s6414914SE	64.25000	-149.00000
Fairbanks (B-5) SW	s6414914SW	64.25000	-149.25000
Fairbanks (C-4) SW	s6414809SW	64.50000	-148.75000
Fairbanks (C-5) SE	s6414908SE	64.50000	-149.00000
Fairbanks (A-5) SE	s6414920SE	64.00000	-149.00000
Fairbanks (A-5) SW	s6414920SW	64.00000	-149.25000
Healy (D-4) NW	s6314803NW	63.87500	-148.75000
Healy (D-5) NE	s6314902NE	63.87500	-149.00000